

FIG. 1

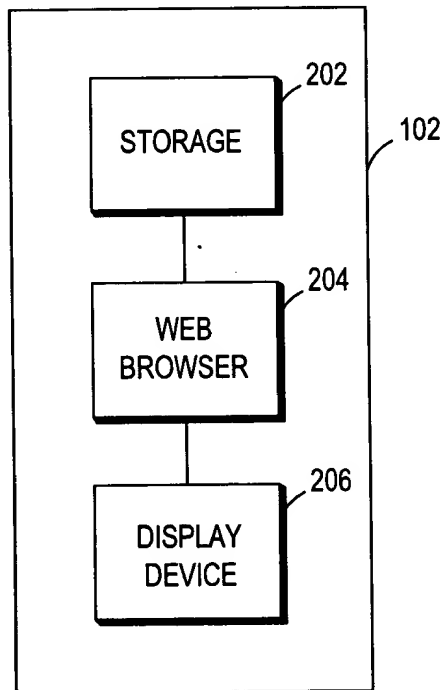
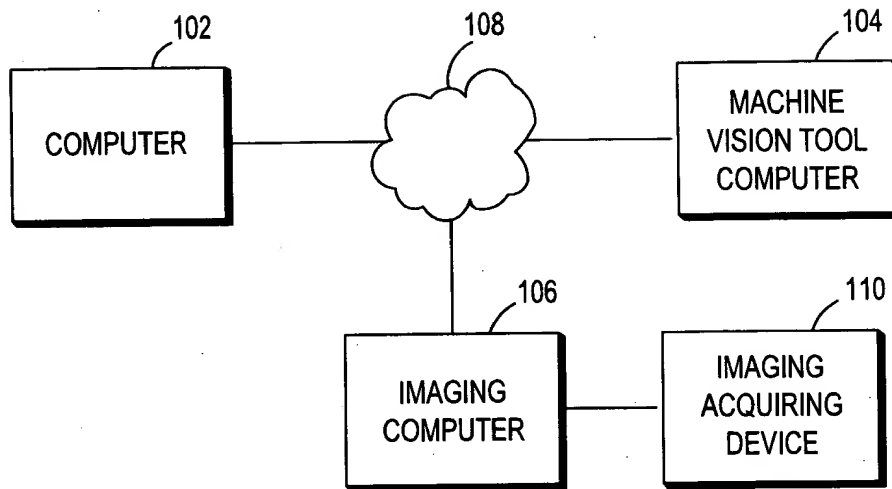


FIG. 2

FIG. 3

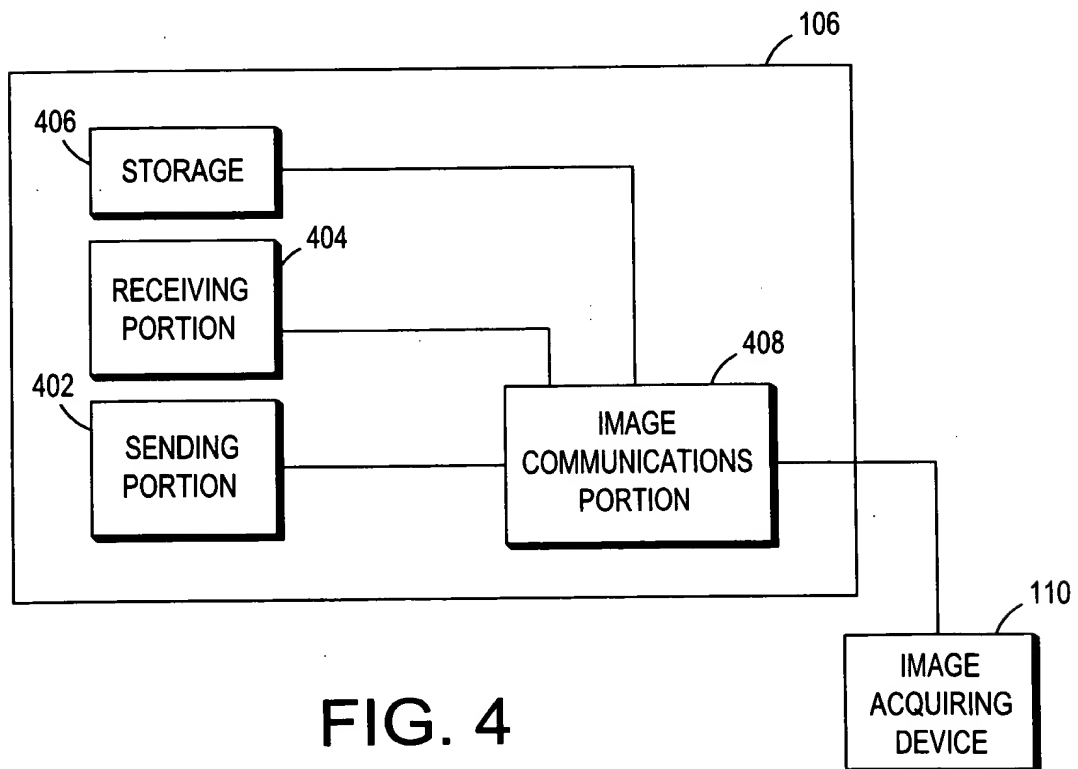
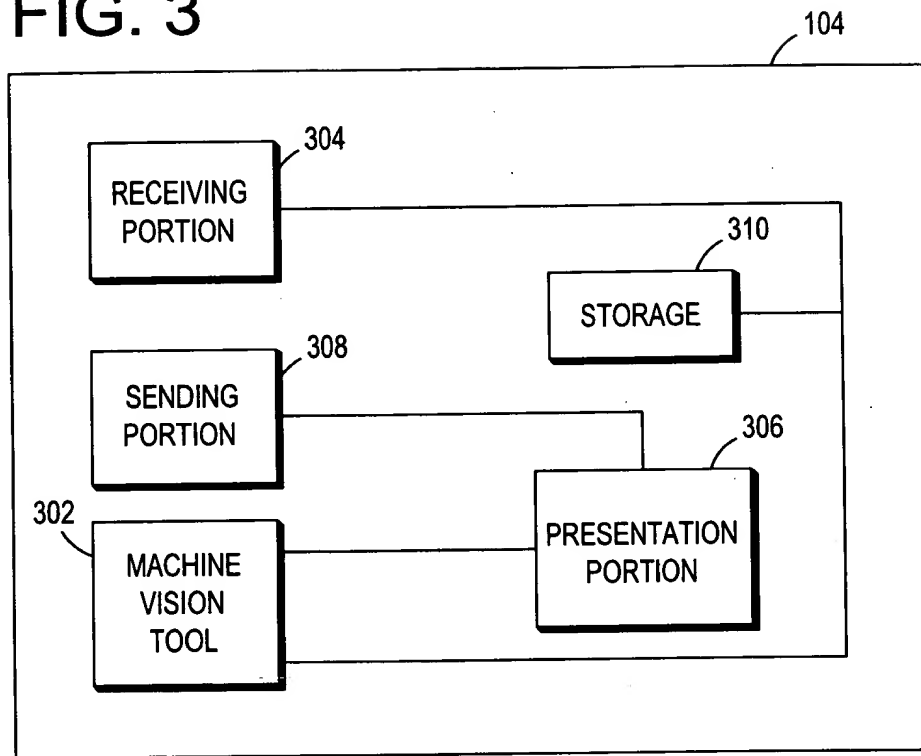


FIG. 4

FIG. 5

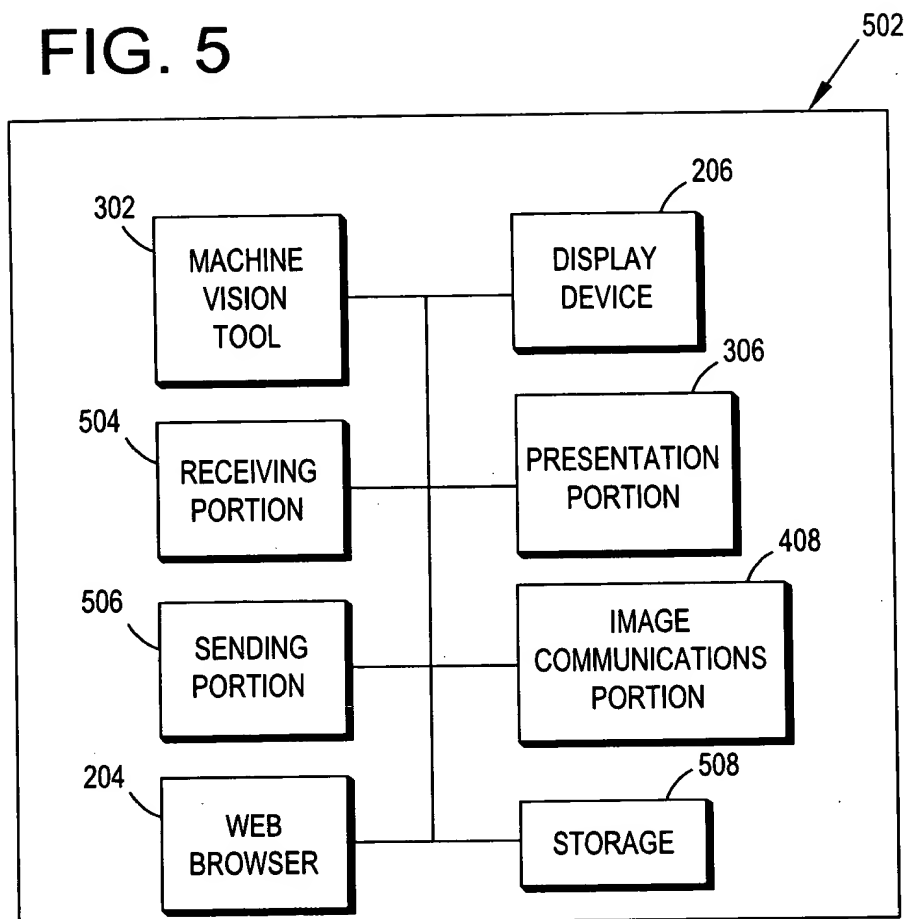


FIG. 6

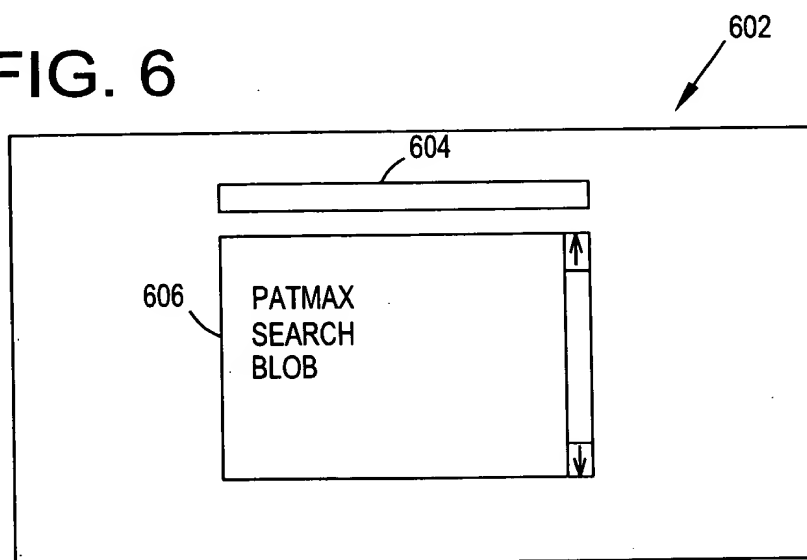


FIG. 7

MODEL:

SPECIFY  
SYNTHETIC  
IMAGE

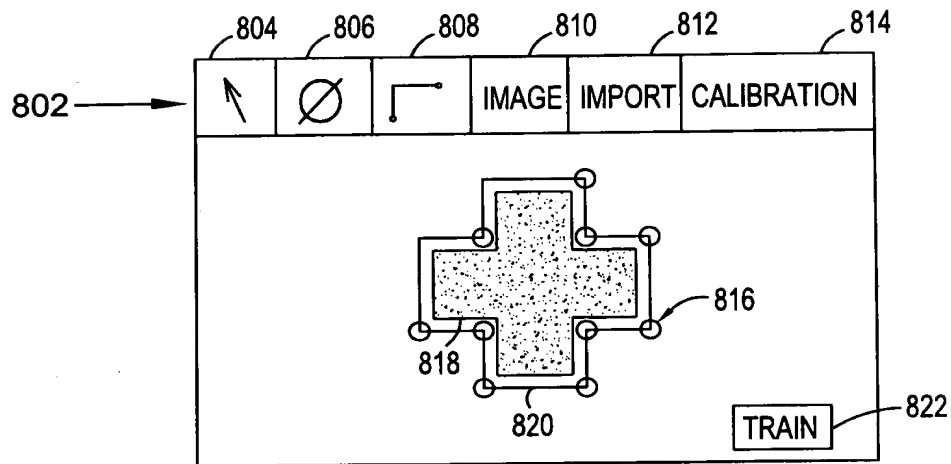


FIG. 8

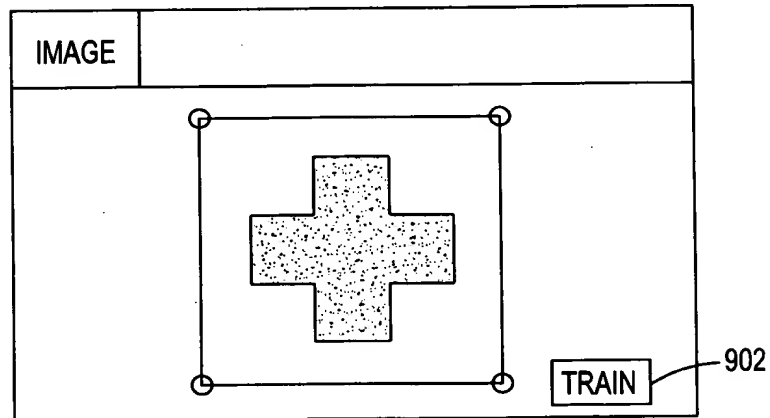


FIG. 9

FIG. 10

IMAGE SOURCE 1002

DATABASE X1
DATABASE X2
CAMERA 1 R15

NEW MODIFY DELETE

FIG. 12

SERVER: machine15.cognex.com 1202

DATABASE FILES 1204

QFP
FIDUCIAL (CROSS)
FIDUCIAL (CIRCLE)

SELECT 1206

FIG. 11

NEW IMAGE SOURCE

NAME: 1102

TYPE: DATABASE  
CAMERA  
URL  
FILE

CREATE 1104

FIG. 13

SERVER: LOCAL 1302

CAMERA 1 / FIDUCIAL
CAMERA 2 PART
CAMERA LINE SCAN

1304

SELECT 1306

URL: http://mac.data.com/foo.gif

1402

FIG. 14

FILE: \_\_\_\_\_  1504

1502

FIG. 15

MODEL: PATMAX

IMAGE SOURCE:

RUN PARAMETERS:  1604

DIAGNOSTICS:  1606

1602

FIG. 16

FIG. 17

PATMAX RUN PARAMETERS			
NAME: <u>MY PARAMETERS</u>			
ACCEPT THRESHOLD	<u>0.5</u>		
CONTACT THRESHOLD	<u>10</u>		
<input checked="" type="checkbox"/> SCORE USING CLUTTER			
NUMBER TO FIND	<u>1</u>		
TIMEOUT	<u>1000ms</u>		
DOF	NORMAL	LOW	HIGH
<input checked="" type="checkbox"/> ANGLE	<u>0</u>	<u>-45</u>	<u>+45</u>
<input type="checkbox"/> UNIFORM SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> X SCALE	<u>0.9</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> Y SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>
OK ~ 1702			

DIAGNOSTICS	
NAME: <u>GRAPHICS DIAGS.</u>	
<input checked="" type="checkbox"/>	SHOW INPUTS
<input checked="" type="checkbox"/>	SHOW OUTPUTS
<input checked="" type="checkbox"/>	SHOW INTERMEDIATE STEPS
OK ~ 1802	

FIG. 18

FIG. 19

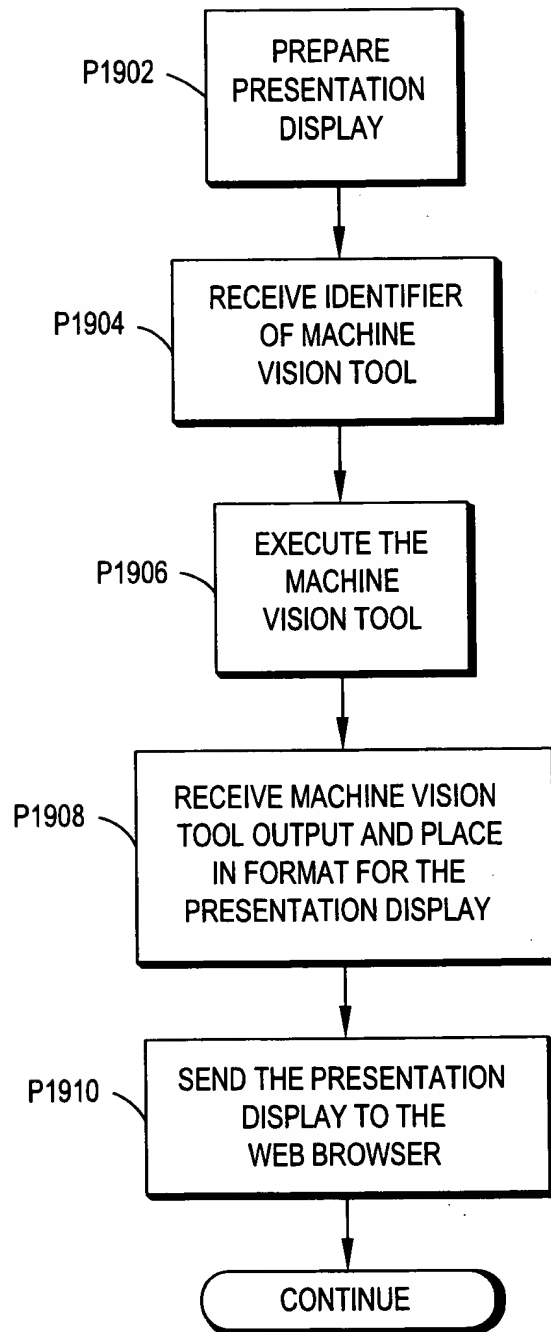




FIG. 20

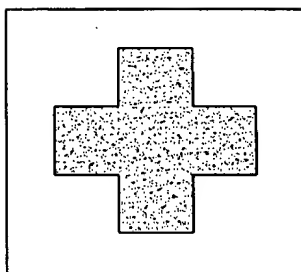


FIG. 21

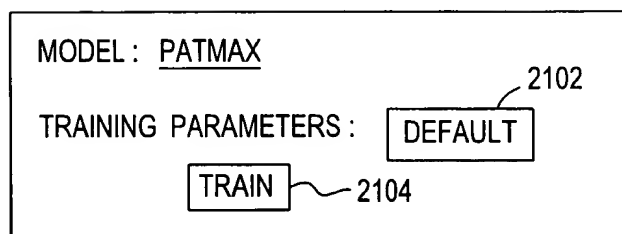


FIG. 22

PATMAX TRAINING PARAMETERS

NAME: TRAINING PARAMETERS

GRANULARITY \_\_\_\_\_

☐ INVERSE POLARITY

☐ AUTO SELECT GRAIN LIMITS

ELASTICITY \_\_\_\_\_

COURSE GRAIN LIMIT \_\_\_\_\_

FINE GRAIN LIMIT \_\_\_\_\_

OK ~ 2202